

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended) A method of accelerating setting time of concrete at low temperatures, the method comprising:

(a) determining that a concrete mixture is to be poured at an ambient temperature of less than 60° F;

(a) (b) obtaining an admixture comprising a non-chloride type accelerator and a nitrite-based corrosion inhibitor; and

(b) (c) adding the admixture to a cement either separately or jointly, to produce a concrete mix with an accelerated setting time compared to a concrete without the admixture.

2. (currently amended) The method of claim 1, wherein the admixture is added to the concrete when the ambient temperature is less than about 60° and more than 0° F.

3. (currently amended) The method of claim 1, wherein the ~~accelerator~~ admixture is comprised of about 30% ~~parts~~ of the non-chloride type accelerator and 70% ~~parts~~ of the nitrite-based corrosion inhibitor.

4. (original) The method of claim 1, wherein the corrosion inhibitor is calcium nitrite-based.

5. (cancelled) The method of claim 4, wherein the corrosion inhibitor is RHEOCRETE® CNI.

6. (cancelled) The method of claim 1, wherein the non-chloride type accelerator is POZZUTEC® 20.

7. (original) The method of claim 1, wherein the concrete contains at least one filler.

8. (original) The method of claim 7, wherein the filler is a pozzolan.

9. (original) The method of claim 8, wherein the pozzolan is fly ash.

10. (original) An admixture for use in concrete at temperatures of less than 60° F, the admixture comprising a non-chloride type accelerator and a nitrite-based corrosion inhibitor.

11. (currently amended) The admixture of claim 10, wherein the ~~accelerator~~ admixture comprises about 30% ~~parts~~ of the non-chloride type accelerator and about 70% ~~parts~~ of the nitrite-based corrosion inhibitor.

12. (original) The admixture of claim 10 further comprising a filler.

13. (original) The admixture of claim 12, wherein the filler is a pozzolan.

14. (original) The admixture of claim 13, wherein the pozzolan is fly ash.

15. (new) A method of accelerating the setting time of a concrete mixture containing fly ash, the method comprising the steps of:

determining that a concrete mixture is to be poured at an ambient temperature of less than 50° F and greater than 0° F;

selecting a non-chloride type accelerator;

selecting a calcium nitrite-based corrosion inhibitor; and

adding said non-chloride type accelerator and said calcium nitrite-based corrosion inhibitor to said concrete mixture containing fly ash, wherein the amount of said non-chloride type accelerator and said calcium nitrite-based corrosion inhibitor are selected to reduce setting time of said concrete mixture.

16. (new) The method of claim 15 wherein said non-chloride type accelerator is added to said concrete mixture in amounts ranging from 3 ounces of accelerator per hundred weight of concrete to 11 ounces of accelerator per hundred weight of concrete, and wherein said calcium nitrite-based corrosion inhibitor is added to said concrete mixture in amounts ranging from 5 ounces of inhibitor per hundred weight of concrete to 22 ounces of inhibitor per hundred weight of concrete.

17. (new) The method of claim 15 wherein said non-chloride type accelerator and said calcium nitrite-based corrosion inhibitor are added to said concrete mixture in proportion to each other of about 30 % to 50 % non-chloride type accelerator and about 50 % to 70 % calcium nitrite-based corrosion inhibitor.

18. (new) The method of claim 17 wherein said non-chloride type accelerator and said calcium nitrite-based corrosion inhibitor are combined together before adding to said concrete mixture.